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|---|--|---|--|--|--|
| FORM PTO-1390 (REV. 1-2003) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEY'S DOCKET NUMBER 930086-2008 | |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | | | <div style="font-size: 2em; font-weight: bold; margin: 0;">10/527261</div> <div style="font-size: 0.8em; margin-top: 5px;">U.S. APPLICATION NO. (If known see 37 C.F.R. 1.5)</div> | |
| INTERNATIONAL APPLICATION NO. PCT/KR2003/001081 | | INTERNATIONAL FILING DATE 02 June 2003 (02.06.2003) | | PRIORITY DATE CLAIMED 16 September 2002 (16.09.2002) | |
| TITLE OF INVENTION CATALYST AND METHOD FOR DECOMPOSITION OF PERFLUORO-COMPOUND IN WASTE GAS | | | | | |
| APPLICANT(S) FOR DO/EO/US Yong-Ki PARK, Jong Reol JEON, Hee Young KIM, Dong Chae LEE | | | | | |
| <p>Applicants herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. (INCLUDING FORM 1449 AND COPIES OF THE CITED REFERENCES) 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. (with copy of Article 34 amendments filed but not enclosed with IPRP) 14. <input type="checkbox"/> An Application Datasheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Transmittal of Notifications of Recording of a Change; two Notifications of Recording of a Change; International Search Report; International Preliminary Report on Patentability; WIPO publication cover page; check for \$540 | | | | | |

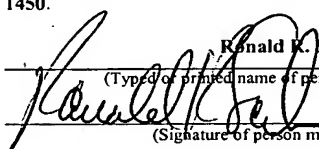
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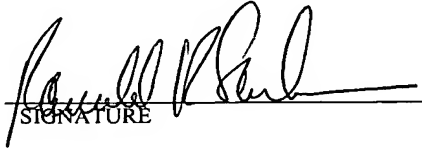
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Date of Deposit: March 9, 2005

I hereby certify that this paper or fee is being deposited with the United States Postal Service

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|---|--------------|---|------------|---|------------|
| U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/527261 | | INTERNATIONAL APPLICATION NO. PCT/KR2003/001081 | | ATTORNEY'S DOCKET NO. 930086-2008 | |
| The following fees are submitted: | | | | | |
| 21. <input checked="" type="checkbox"/> Basic national fee | | | | \$300.00 | \$300.00 |
| 22. <input checked="" type="checkbox"/> Examination fee | | | | | |
| If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) | | | | \$100.00 | |
| All other situations | | | | \$200.00 | \$200.00 |
| 23. <input checked="" type="checkbox"/> Search fee | | | | | |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority | | | | \$100.00 | |
| International Search Report prepared and provided to the Office | | | | \$400.00 | |
| All other situations | | | | \$500.00 | \$500.00 |
| TOTAL OF 21, 22 and 23= | | | | | \$1,000.00 |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| 23 - 100= | /50= | | x \$250.00 | \$ | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | 7 - 20= | 0 | x \$50.00 | \$ | |
| Independent claims | 1 - 3= | 0 | x \$200.00 | \$ | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | | \$1,000.00 |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. 1.27. The fees indicated above are reduced by 1/2. | | | | | \$500.00 |
| SUBTOTAL = | | | | | \$500.00 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | + | \$ |
| TOTAL NATIONAL FEE = | | | | | \$500.00 |
| Fee for recording the enclosed assignments (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | + | \$40.00 |
| TOTAL FEES ENCLOSED = | | | | | \$540.00 |
| | | | | Amount to be refunded: | \$ |
| | | | | Amount to be charged: | \$ |
| a. <input checked="" type="checkbox"/> A check in the amount of \$540.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0320 . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | |
| Ronald R. Santucci Frommer Lawrence & Haug LLP 745 Fifth Avenue New York, New York 10151 | | | | | |
| March 9, 2005 | | | | | |
| | | | |  SIGNATURE | |
| | | | | Ronald R. Santucci NAME | |
| | | | | 28,988 REGISTRATION NUMBER | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Yong-Ki PARK, Jong Reol JEON, Hee Young KIM
Dong Chae LEE

Serial No. : Not Yet Assigned

For : CATALYST AND METHOD FOR DECOMPOSITION OF
PERFLUORO-COMPOUND IN WASTE GAS

Filed :

Int'l Appln. No. : PCT/KR2003/001081

Int'l Filing Date : 02 June 2003 (02.06.2003)

Priority Date : 16 September 2002 (16.09.2002)

Examiner : Not Yet Assigned

Art Unit : Not Yet Assigned

745 Fifth Avenue
New York, NY 10151

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Date of Deposit: March 9, 2005

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Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Ronald R. Santucci

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

TRANSMITTAL OF NOTIFICATION OF THE RECORDING OF A CHANGE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants enclose herewith two Notifications of the Recording of a Change issued by the International Bureau for the above referenced patent application.

10/57261 PATENT
930086-2008

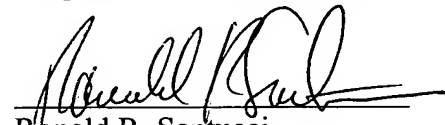
Applicants wish to note that the changes are with respect to the inventors of the above application. The spelling of the first named inventor has been changed to **Yong-Ki PARK**. In addition, a fourth inventor, Dong Chae LEE, has been added. The inventorship of the application is therefore as follows:

- 1.) Yong-Ki PARK
- 2.) Jong Reol JEON
- 3.) Hee Young KIM
- 4.) Dong Chae LEE

The Commissioner is authorized to charge any additional fee that may be required to Deposit Account No. 50-0320.

Respectfully submitted,
FROMMER LAWRENCE & HAUG LLP

By:


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